



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

532
4/24/03

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2822

Application No.: 09/856,627 ✓

Examiner: I. SOWARD

Filed: May 24, 2001

Docket No.: 109609

For: INTERCONNECT SUBSTRATE, SEMICONDUCTOR DEVICE, METHOD OF FABRICATING, INSPECTING AND MOUNTING THE SEMICONDUCTOR DEVICE, CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.
- 3. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

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4. An English-language Abstract of the non-English language reference is attached hereto.

Respectfully submitted,



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Date: March 24, 2003

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109609		APPLICATION NO. 09/856,627	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Nobuaki HASHIMOTO			
				FILING DATE May 24, 2001		GROUP 2822	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
		5,448,511	09/05/95	PAURUS ET AL.			
		5,854,507	12/29/98	MIREMADI ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
		CH 689502 (w/English Abstract)	05/14/99	CHINA			
		EP 0 571 749 A1	12/01/93	EUROPE			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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